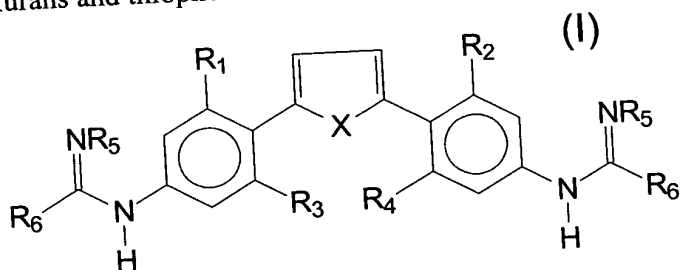


## ABSTRACT

The present invention relates to novel 2,5-bis{[alkyl (or aryl) imino] aminophenyl} furans and thiophenes of the general formula



in which  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are each independently selected from the group consisting of H, alkyl, alkoxy, halide, and alkylhalide groups;  $R_5$  is H, alkyl or aryl;  $R_6$  is H, alkyl, aryl, or  $NR_7R_8$ , in which  $R_7$  and  $R_8$  are each independently selected from the group consisting of H, alkyl and aryl; and X is O, S or  $NR_9$ , in which  $R_9$  is H or alkyl, and to the use of such compounds.